PT	D-1449	)			Application No.		Applicant(s	)			
	Info	rmation Disclosure Application		n an	Docket Number HES 2003-IP-012	204U1	Group A	rt Unit	Filing D	ate	
		,		U.S. PA	ATENT DOCUM	ENTS			•		
		DOCUMENT NO.	ISSUE/ PUB. DATE	•	NAME		CLASS	SUB	CLASS	1	LING
cs	1	3,158,166	11/24/64	Warren			137	8	11.5	8/	7/62
I	2	3,181,546	5/4/65	Boothe			137	8	1.5	11.	/8/62
T	3	3,181,596	5/4/65	Winnan,	et al.		160	2	206 .	11/	29/62
П	4	3,247,861	4/26/66	Bauer			137	8	1.5	11/	20/63
П	5	3,405,770	10/15/68	Galle, et	Galle, et al.		175		56	5/25/66	
П	6	3,432,102	3/11/69	Turner,	Turner, et al.		239			10/3/66	
	7	3,423,026	1/21/69	Carpenter			239	284		10/30/67	
	8	3,563,462	2/16/71	Bauer			239 10		102	11/21/68	
	9	3,741,481	6/26/73	Bauer	Bauer		239 102		7/19/71		
	10	4,007,625	2/15/77	Houben, et al.			73	73 23		7/1	4/75
П	11	4,052,002	10/4/77	Stouffer, et al.			239	4		9/3	0/75
	12	4,157,161	6/5/79	Bauer		1	239		11	9/3	30/75
	13	4,006,755	2/8/77	Kranz, e	t al.		137	831		10/	22/75
V	14	3,998,386	12/21/76	Viets, et	al.		239		102 2/2		23/76
			FC	REIGN	PATENT DOCU	JMEN	TS	-	•	<del></del>	
		DOCUMENT NO.	DATE		COUNTRY		CLASS	SUB	CLASS	Yes	SLATION No
	···										
				NON-P	ATENT DOCUM	ENTS	<b>.</b>				
		DOCUME	NT (Inclu	ding Au	thor, Title, Source	e, and	Pertinent	Pages	)		
CS	15	SPE Paper 13803, R.A	. Payne, et a	ıl., Pressui	re Fluctuating Tool, p	o. 105-1	10				
EX	AMI	NER /Craig S	chneider/	· .		D/	ATE CON	SIDERI	ED 05	/11/200	)7
EX.	AMIN	ER: Initial if citation con	nsidered, wh	ether or no	ot citation is in confor	mance v	vith MPEP §	609. Dr	aw line th		

CS/ 16	for	mation Disclosure Application		n an	Docket Number		Group A	rt I Init	I ==::: 55		
17					HES 2003-IP-012	204U1	Group Art Unit Filing D			vate	
17				U.S. PA	TENT DOCUM	ENTS			,		
17		DOCUMENT NO.	ISSUE/ PUB. DATE	,	NAME		CLASS	SUB	CLASS	1	LING
18	6	4,184,636	1/22/80	Bauer			239		11	12	/9 <b>/</b> 77
4	7	4,244,230	1/13/81	Bauer			73	86	51.19	10/	12/78
1 1	8	4,463,904	8/7/84	Bray, Jr.			239	28	84 R	11	/8/78
1.9	9	4,630,689	12/23/86	Galle, et	al.		175		56 .	3/	4/85
20	20	4,775,016	10/4/88	Barnard			175		56	9/2	29/87
21	21	5,135,051	8/4/92	Facteau, et al.			166	104		6/17/91	
22	22	5,195,560	3/23/93	Achmad			137	826		4/27/92	
23	23	5,165,438	11/24/92	Facteau,	et al.		137	1		5/26/92	
24	24	5,228,508	7/20/93	Facteau,	et al.		166	177		5/26/92	
25	25	5,396,808	3/14/95	Huang, et al.			73	861.19		12/28/93	
26	26	5,396,809	3/14/95	Huang			73	861.19		12/	28/93
27	27	5,505,262	4/9/96	Cobb		-	166	312		12/16/94	
28	28	5,893,383	4/13/99	Facteau			137	<u> </u>	14	11/	25/97
29	9	RE38,013 E	3/4/03	Stouffer			239	2	84.1		/2000
			FO	REIGN	PATENT DOCU	JMEN'	TS			L	
		DOCUMENT NO.	DATE		COUNTRY		CLASS	SUB	CLASS	/Y	SLATION
										Yes	No
			<u> </u>	NON-PA	ATENT DOCUM	ENTS		<u> </u>		L	
<del>.</del>		DOCUME	NT (Inclu	ding Au	thor, Title, Source	e and	Pertinent	Pages			<del></del>
<del></del>		Paper entitled "Experi				•					
CS/ 30	10	Oscillation Inside a Flu Image Velocimetry, da	uidic Oscilla								<u>-</u>
EXAM	MIN	VER /Craig S	Schneider/		<u> </u>	DA	TE CONS	SIDERI	E <b>D</b> 05.	/11/200	)7 .
EXAM	INF	ER: Initial if citation cor	sidered wh	ether or no	ot citation is in confor	mance "	ith MPED 8	600 D-	au lina th	rough a	itation

PTO	D-1449	)			Application No.		Applicant(s	)			
Information Disclosure Citation in an Application					Docket Number HES 2003-IP-0122	l 04U1	Group Art Unit		Filing Date		
		- 111-112-11-11-11-11-11-11-11-11-11-11-11		U.S. P.	ATENT DOCUME	NTS			<u> </u>		
·		DOCUMENT NO.	ISSUE/ PUB. DATE		NAME		CLASS	SUB	CLASS		LING ATE
CS/	31	6,606,915 B2	8/19/03	Vannuf	felen		73	86	1.22	9,	/1/00
CS	32	6,572,570 B1	6/3/03	Burns,	et al.		601	1	48	3/:	26/01
										,	
						1					<del></del>
								<b>†</b>			
						1-	<del></del>	<b> </b>			<del></del>
						<del></del>	<del></del>		<del></del>		
								<del> </del>	<del></del>		
		-	<del></del>	<del></del>			<del>*</del>	<del> </del>			
					······································			<del> </del>			
						<del>-  </del> -		ļ		ļ	<del></del>
	<u></u>					Щ		<u> </u>			
			FO	REIGN	PATENT DOCU	MEN	TS				
		DOCUMENT NO.	DATE		COUNTRY	<u> </u>	CLASS	SUR	CLASS		SLATION
$\vdash$								1000		Yes	No
			<u> </u>	<u> </u>							
		,		NON-P	ATENT DOCUME	ENTS					
		DOCUME	NT (Inclu	ding Au	thor, Title, Source	, and	Pertinent	Pages)			
									~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
EX	AMI	NER /Craig Sch	nneider/			DA	ATE CONS	SIDERE	ED 05/1	1/200	7
EXA	AMINI ot in co	ER: Initial if citation con	idered, whi	ether or nude copy	ot citation is in conform	ance v	vith MPEP §	609. Dr e applica	aw line th	rough c	itation

PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0851-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCI Under the Japanwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Subsecte for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10,808,986			
Filing Date	03/25/2004			
First Named Inventor	Roger L Schultz	_		
Art Unit	3746			
Examiner Name	unknown			
Attorney Docket Number	2003-IP-12204II1			

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# ktrown)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/CS/		<sup>US-</sup> 3,842,907	10-22-1974	Baker et al.	
		US-		•	
		US-			
	1	US-			
	1	US-			
	<u> </u>	US-			
		US-	<u> </u>		
	T	US-			
		US-			<del></del>
		US-			
		US-			-

		FOREIGN	PATENT DOC	MENTS		
Examiner Initials*	Cite No.1.	Foreign Patent Document	- Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Т6
- 100		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)				$\sqcup$
7CS/	1	JP62 251 508 A	11-2-87	Matsushita		<b>7</b>
		(English abstract only)				
			1			

Examiner Signature	/Craig Schneider/	Date Considered	05/11/2007	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usplo.gov">www.usplo.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradomark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patenta, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO		Complete if Known		
Cascinate to the two to the	Application Number	10/808,986		
INFORMATION DISCLOSURE	Filing Date	03/25/2004		
STATEMENT BY APPLICANT	First Named Inventor Roger L. Schultz			
(Use as many sheets as nocessary)	Art Unit	3746		
loso as many shoets as nocessary)	Examiner Name	unknown		
Sheet 2 of 2	Attorney Docket Number	2003-IP-012204U1		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/CS/	1	Foreign Communication from a related counterpart application dated 05/02/2005. International application number	
		PCT/GB2005/000092	
,			
		·	
•			
		•	
, , , , , , , , , , , , , , , , , , ,			

Examiner	Craig Schnaider	Date	
Signature	/Craig Schneider/	Considered	05/11/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique diation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: